

# **US Atmospheric Water Generator Market Size study, by Product (Cooling Condensation, Wet Desiccation), by Application (Industrial, Commercial, Residential) Forecasts 2022-2032**

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## **Abstracts**

US Atmospheric Water Generator Market is valued at approximately USD 471.15 million in 2023 and is anticipated to grow with a healthy growth rate of more than 11.94% during the forecast period 2024-2032. An Atmospheric Water Generator (AWG) extracts potable water from humid ambient air using methods such as condensation, desiccants, membranes, fog collection, or air pressurization. AWGs are invaluable where potable water access is limited and can operate with varying energy inputs or passively, mimicking natural temperature differences. Biomimicry studies have demonstrated the efficiency of the *Stenocara gracilipes* beetle in this process.

The robust demand for Atmospheric Water Generator (AWG) units in the industrial sector is due to the product's capability to produce over 75,000 liters of water per day. Additionally, climate change in certain regions of the U.S. has led to droughts, further accentuating the need for such water generation solutions which have bolstered the performance and dependability of the US Atmospheric Water Generator Market.

The assistance provided by the United States Government in the deployment of Atmospheric Water Generators (AWGs) in inaccessible areas of the region aims to ensure prompt and sufficient access to potable water and drives the market on a huge scale. Factors such as climate change, insufficient rainfall, rapid urbanization, industrialization, and population growth are contributing significantly to the decline in freshwater resources, thereby driving extensive growth in the US Atmospheric Water Generator Market. Furthermore, governmental investments and strategic business activities, such as partnerships, mergers, and acquisitions by major corporations, complement the growth of the US Atmospheric Water Generator Market. Nevertheless, significant

apprehensions surrounding atmospheric water generators include their considerable initial investment and maintenance expenses, which pose notable challenges for residential users. The expansion of the residential segment within the US market from 2022 to 2032 is hindered by consumers' constrained purchasing capacity. Moreover, the elevated installation costs linked with atmospheric water generators further inhibit market growth.

Major market player included in this report are:

Drinkable Air Technologies

Dew Point Manufacturing

Atlantis Solar

Ramboll Group A/S

EcoloBlue, Inc

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Product

Cooling Condensation

Wet Desiccation

By Application

Industrial

Commercial

Residential

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.  
Detailed analysis of geographical landscape with Country level analysis of major regions.  
Competitive landscape with information on major players in the market.  
Analysis of key business strategies and recommendations on future market approach.  
Analysis of competitive structure of the market.  
Demand side and supply side analysis of the market

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